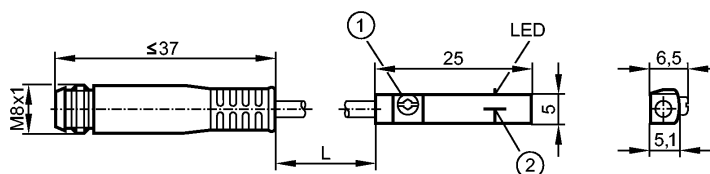




Magnetic sensors, cylinder sensors

MK5101

MKT3028BBPKG/G/0.3M/ZH/AS
cylinder sensor with GMR cell
Plastic housing for profile cylinder,
T-slot mounting
Cable with connector
flush mountable
Magnetic sensitivity 2.8 mT
Travel speed > 10 m/s



1: Fastening clamp
2: sensing face

Made in Germany



Electrical design

Output

Operating voltage	[V]
Current rating	[mA]
Short-circuit protection	
Reverse polarity protection	
Overload protection	
Voltage drop	[V]
Current consumption	[mA]

Hysteresis	
Repeatability	
Power-on delay time	[ms]
Switching frequency	[Hz]
Ambient temperature	[°C]
Protection	
EMC	

Housing materials

Function display

Switching status LED

Connection

Weight [kg]

Remarks

Accessories (included)

DC PNP normally open

10...30 DC
100
yes
yes
yes
< 2.5
< 10

< 1.5 [mm]
< 0.2 [mm]
< 30
> 10000

-25...85

IP 67, III

EN 61000-4-2 ESD:	- CD / 8 kV AD
EN 61000-4-3 HF radiated:	10 V/m (80...2000 MHz)
EN 61000-4-4 Burst:	2 kV
EN 61000-4-6 HF conducted:	10 V (0.15...80 MHz)
EN 55011:	class B

housing: PA (polyamide); Fastening clamp: stainless steel

yellow

PUR cable / 0.3 m; with M8 connector (snap-fit)

0.012

cULus - Class 2 source required
Clamping screw with combined slot/hexagon socket head AF 1.5
rubber placeholder, cable clip

Wiring

